

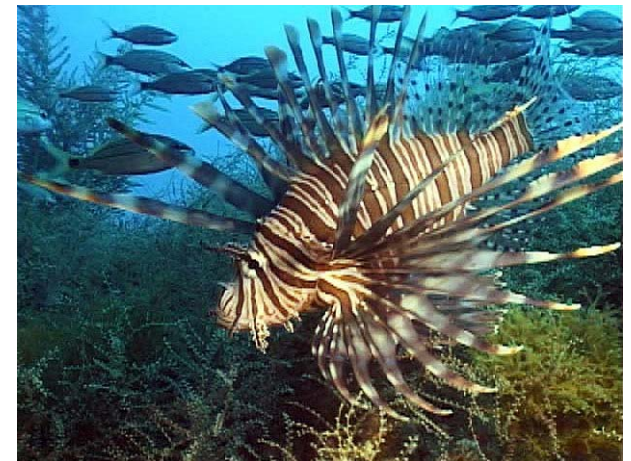
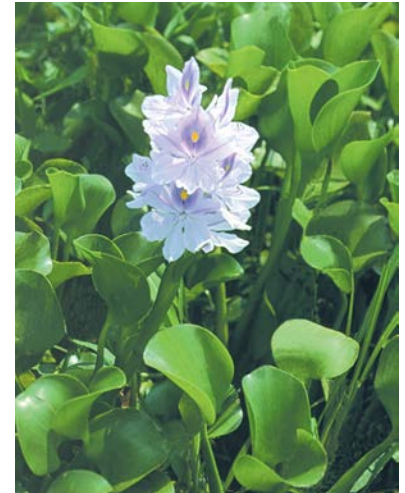
# Informal Summary ... Barataria-Terrebonne Rapid Assessment Project



Marilyn Barrett-O'Leary  
Southeast Aquatic Resources Partnership  
Louisiana ANS Task Force

# Goal - Objectives

- Secure snapshot of information about the ANS in the Barataria-Terrebonne National Estuary
  - Fishes
  - Macroinvertebrates
  - Plants
- Add to state's baseline



# **BTRAP Challenges**

- **Schedule people, equipment, and sampling sites**
- **Adapt to an oil spill in the Mississippi River**
- **Adapt to tropical storm Eduard**
- **Maintain the science**

# People, Expertise, Equipment

- About 50 individuals
- LDWF, LDEQ, LDNR, LSU, NSU, LUMCON, Loyola, UArk, AGFC, MDMR, MWFP, TPWD, GCRL (UMiss), BTNEP





# Headquarters and Hospitality

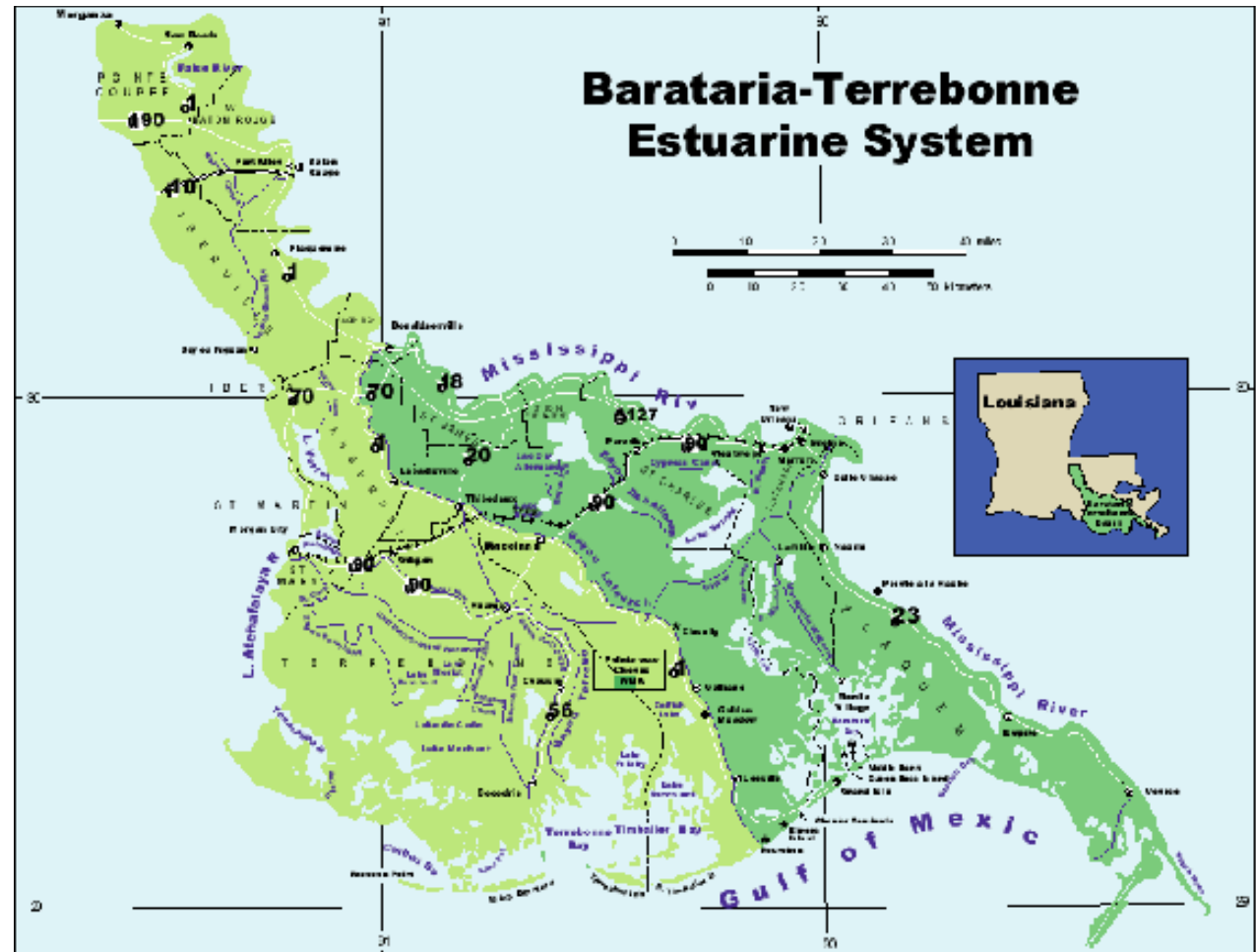


USDA Plant Materials Center, Galliano, LA

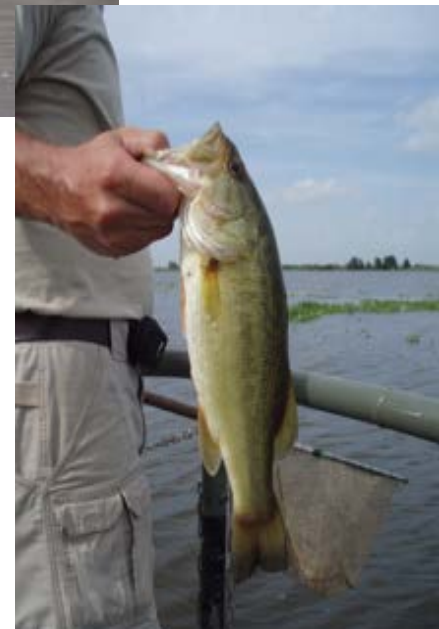


# Geography

- Roads
- Launches
- Existing data
- Salinities

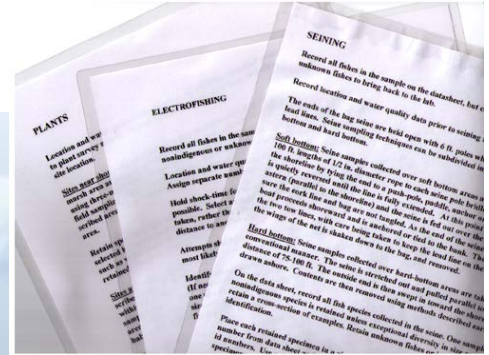








# Equip the Teams





**BTRAP Field Sampling Sheet for Plants**

**BTRAP #**

**Pi**

Water Status	Temp.	Salinity
Conductivity		

Site/Collector	Date	Accession	Project No.
<div style="border: 1px solid black; padding: 2px;"> <b>Project No.</b>            (optional)         </div>			

Plant	How Found (seed, vegetative, etc.)	Locality	Photo No.
<div style="border: 1px solid black; padding: 2px;"> <b>Plant</b>            (optional)         </div>			
<div style="border: 1px solid black; padding: 2px;"> <b>Locality</b>            (optional)         </div>			
<div style="border: 1px solid black; padding: 2px;"> <b>Collector</b>            (optional)         </div>			
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<div style="border: 1px solid black; padding: 2px;"> <b>Number of fruits</b>            (optional)         </div>			
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<div style="border: 1px solid black; padding: 2px;"> <b>Number of fruits</b></div>			




# Safety & Communications

- Maps and new maps
- Weather updates via cell phone
- Contact information for all teams



# Laboratory and Chain of Possession

**BTRAP Field Sampling Sheet for**

**BTRAP**  **2008**

**Waterbody** Cornel de Bay, Bonaire

**Lat** 29.513 **Long** 9.157

**Gear** Electrofishing

**Collector** David P. van Boven

**Identification** Hyllis verticillata

**Water Data** 29.7C **Temp** .08 **Salinity** 177 **Conductivity**

**Date** 2008 09 04

**Collectors** D. Schultz, C. Truitt, A. Boman

Common Name	Number
Bowfin	
Bay anchovy	
Freshwater drum	
Gulf menhaden	
Snookhead	
Rio Grande cichlid	
Bay whiff	
Yellow perch	
Parrot	
Freshwater goby	
Common carp	
Spotted sea trout	
Common carp	
Gizzard shad	
Threadfin shad	
Ladyfish	
Golden tetraodon	
Morone chrysops	
MS silver minnow	
Silver carp	
Highhead carp	
Blue catfish	
Channel catfish	
Smallmouth buffalo	
Brook silverside	
Spotted gar	
Alligator gar	
Green sunfish	

# Inform the Public

7, 2008 ■ The Advocate



Advocate staff photos by TRAVIS SPANGLING

McCain, from left, a Mississippi Wildlife and Parks Conservation associate biologist; Jilory, biologist manager with the Louisiana Department of Wildlife and Fisheries; and Hartman, Texas Parks and Wildlife ecosystem manager for Matagorda Bay, prepare to pull their seine for any invasive species as they survey an area on the Intracoastal Canal on Wednesday.

## New pesky invaders found in Barataria estuary search

AMY WOLD  
Advocate staff writer

LOCKPORT — Sitting at the edge of Lake Poydres, Nicholls State University marine biology professor Melancon said



Advocate staff photos by TRAVIS SPANGLING

Lockport -- During a cruise down Company Canal with a boatload of scientists Wednesday afternoon, Michael Massimi wants to pull over. He's spotted a possible invasion on the banks.

Massimi plucks a stringy plant speckled with small flowers off the canal side. The invasive-  
-Terrebonne National Estuary Program, he  
in what belongs in the local environment, he  
can't recognize this particular plant.

"Is it a little unfamiliar to you?" Massimi  
scientist.

They bag it up to take back to base  
S. Natural Resources Conservation  
Materials Station in Galliano.

Volunteer researchers from universities and other  
agencies are rem...

EMILY SCHWARZE/Staff  
Conservation associate Jeremy McCain  
with the Mississippi Department of  
Wildlife, Fisheries and Parks runs a net  
Wednesday through part of the  
Intracoastal Waterway in Lockport in  
search of invasive plants and  
creatures. (RIGHT, FROM TOP: Invasive  
plants found in local waters include  
salvinia, hydrilla, water hyacinths and  
elephant ears. See more photos online  
at houstontoday.com.

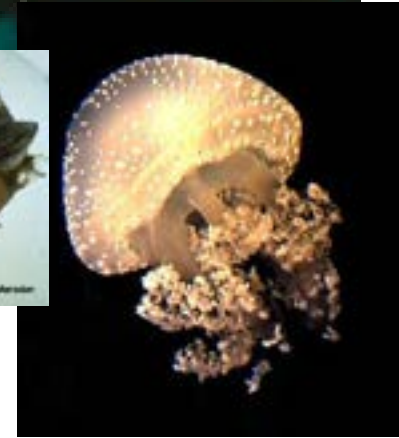
...were fished out of the  
coastal Canal near Houma  
during a survey Wednesday.  
Crews are conducting the  
weeklong survey of the  
Barataria-Terrebonne Nation-  
al Estuary, which stretches  
from New Roads to Venice  
and from the Mississippi River  
to the Atchafalaya River.

...The Courier | Houma



# Preliminary Results/Findings

- Good news: No new invasive species
- Bad news: Spread of several known species, especially giant salvinia via the GIWW and Rio Grande cichlids in the Harvey Canal.



# Questions

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  - 225-892-7470